



Preliminary Information

PIC3604 Reduced Propulsion Message With Code P0A40 Setting

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Bolt EV	2017	SOP	EOP	All	All

Involved Region or Country	North America
Condition	<p>Some customers may comment on a Reduced Propulsion message with a MIL on.</p> <p>During diagnosis a technician may find DTC P0A40 set current or history.</p> <p>Technicians will need to look over Freeze Frame data for DTC P0A40 only and compare Values in following parameter box.</p>
Cause	Ongoing review by Engineering and TAC

Correction:

1. Check if the following freeze frame parameters for DTC P0A40 match the values in the table below. If there are other DTCs present, only reference the freeze frame data for P0A40.

Parameter Name	Control Module	Value	Unit
Vehicle Speed Sensor	Hybrid Powertrain Control Module	0	km/h
Ignition 1 Signal	Hybrid Powertrain Control Module	less than 1	V
Hybrid/EV Powertrain Control Module Response Source	Hybrid Powertrain Control Module	Ignition Switch Start	
Transmission OSS	Hybrid Powertrain Control Module	0	RPM
Internal Mode Switch	Hybrid Powertrain Control Module	Park	
Hybrid/EV Powertrain Control Module High Voltage Circuit	Hybrid Powertrain Control Module	less than 10	V
Power Mode	Hybrid Powertrain Control Module	Off	
Ignition Input Accessory	Hybrid Powertrain Control Module	Active	
Ignition Input Off/On/Start	Hybrid Powertrain Control Module	Inactive	
Axle Torque Command	Hybrid Powertrain Control Module	0	N-m
Drive Motor Control Module Negative Supply Isolation Voltage	Hybrid Powertrain Control Module	less than 10	V
Drive Motor Control Module Positive Supply Isolation Voltage	Hybrid Powertrain Control Module	less than 10	V

- If YES, then proceed to step 2.
- If NO, then follow the P0A40 service procedure.

1. Clear DTCs
2. Key cycle the vehicle 5 times (including open and closing the driver's door in between the key cycles)
3. Check DTCs and verify that P0A40 did not set.
4. Test drive vehicle for 10 miles and verify P0A40 did not set.

If above data match and drive cycles do not bring the code back, then release the vehicle back to the customer due to calibration mismatch that engineering is aware of at this time.

If the code comes back or the data does not match then contact GM TAC (1-800-446-8227) for further repair direction.

Warranty Information

Labor Operation	Description	Labor Time
2881288	Record, Rest and test Code information	Use Published Labor Times
*This is a unique Labor Operation for Bulletin use only.		

Version History

Version	1
Modified	



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